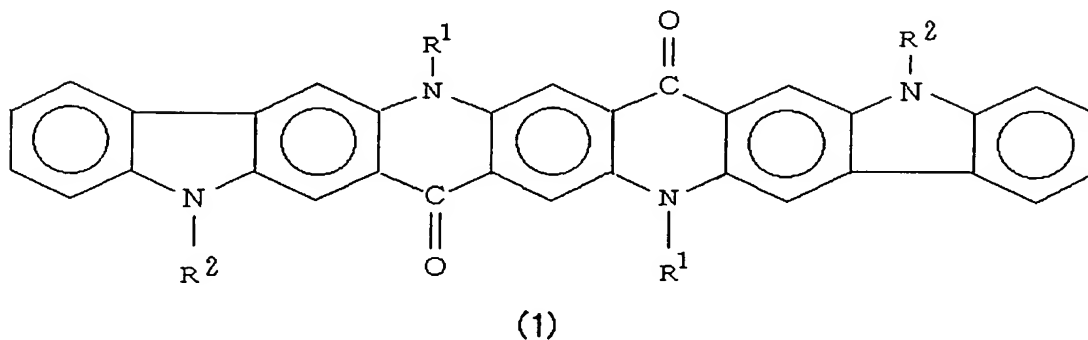


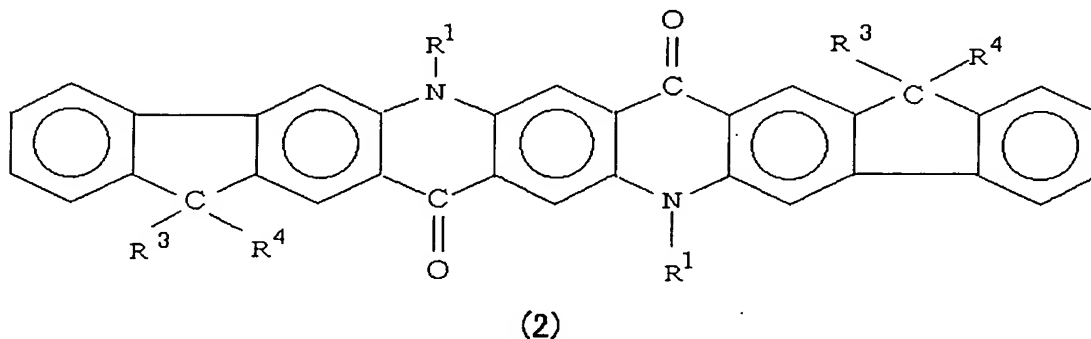
We claim:

1. A luminescent compound capable of emitting white light that has a structure represented by formula (1):



wherein  $R^1$  is hydrogen atom, an alkyl group, or an aryl or alkyl aryl group that may have at least one substituent, wherein two  $R^1$ 's may be the same or different from each other;  $R^2$  is hydrogen atom, an alkyl group, or an aryl or alkyl aryl group that may have at least one substituent, wherein two  $R^2$ 's may be the same or different from each other; and  $R^1$  and  $R^2$  may be the same or different from each other.

2. A luminescent compound capable of emitting white light that has a structure represented by formula (2):



wherein  $R^1$  is hydrogen atom, an alkyl group, or an aryl or alkyl aryl group that may have at least one substituent, wherein two  $R^1$ s may be the same or different from each other; each of  $R^3$  and  $R^4$  is hydrogen atom, an alkyl group, or an aryl or alkyl aryl group that may have at least one substituent, wherein  $R^3$  and  $R^4$  may be the same or different from each other; and two  $R^3$ s may be the same or different and two  $R^4$ s may be the same or different.

3. An illuminator capable of emitting white light comprising a substrate on which an electrode has been formed, and a light emitting layer which is placed on the substrate, said layer including at least one light-emitting material selected from the group consisting of said compound represented by formula (1) and said compound represented by formula (2), wherein each of said compounds emits white light by itself.

4. The illuminator as claimed in claim 3, wherein said illuminator, which comprises the substrate and the light emitting layer placed on the substrate, said layer including at least one light-emitting material selected from the group consisting of said compound represented by formula (1) and said compound represented by formula (2), is a one-layer type organic EL element.

5. The illuminator as claimed in claim 3, wherein said illuminator is a multi-layer type organic EL element further comprising a hole-transporting layer and an electron-transporting layer.

6. The illuminator as claimed in any one of claims 3-5, wherein said light-emitting layer is a layer prepared by dispersing the compound in a high polymer.
7. The illuminator as claimed in any one of claims 3-5, wherein said light-emitting layer is a layer prepared by depositing said compound on said substrate.
8. The illuminator as claimed in any one of claims 3-7, wherein said illuminator is a planar illuminator or a tubular illuminator.
9. An organic EL element comprising a substrate on which an electrode has been formed, and a light-emitting layer formed on said substrate, said light-emitting layer including at least one luminescent material capable of emitting white light selected from the group consisting of the compound represented by formula (1) and the compound represented by formula (2).